ELECTRICAL ENGINEERING / 2002-2003

1ST YEAR		2ND YEAR		3RD YEAR		4TH YEAR	
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING
MAT 270 (4)	MAT 271 (4)	MAT 272 (4)	MAT 362 (3)	MAT 342 (3)	EEE 360 (4)	EEE 488 (2)	EEE 489 (2)
CHM 114 (4)	PHY 121 (3)	MAT 274 (3)	ECE 201 (4)	ECE 334 (4)	EEE 303 (3)	Tech Elect (7)	Tech Elect (11)
ECE 100 (3)	PHY 122 (1)	PHY 131 (3)	PHY 241 (3)	EEE 302 (3)	ECE 352 (4)	ECE 214 (4)	
ENG 101 (3)	EEE 120 (3)	PHY 132 (1)	EEE 225/226 (4)	EEE 340 (4)	ECE 300 (3) prereq also need 2 of ECE 201, 214, 334, 352; EEE 225/6	EEE 350 (3)	HU/SB (3)
	ENG 102 (3)	CSE 100 (3)	HU/SB (3)	HU/SB (3)			
		ECN 111/112 (3)			HU/SB (3)		
(14)	(14)	(17)	(17)	(17)	(17)	(16)	(16)

→ Prerequisite
--→ Corequisite
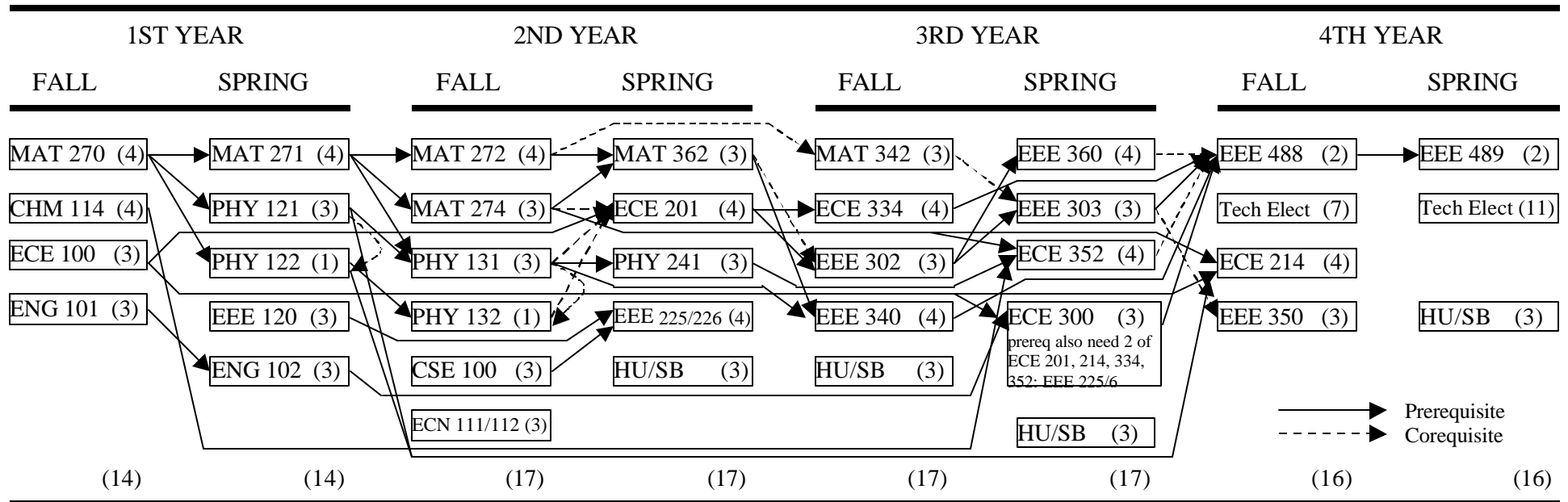
NOTE 1: The program in Electrical Engineering requires a total of 18 hours of technical electives (however if English Proficiency is completed with less than 6 semester hours, Technical Elective hours may need to be adjusted--see Department). To ensure breadth of knowledge, students must select courses from at least three of the following seven areas. In addition, to ensure depth, <u>two courses must be taken in one area.</u> [See General Catalog for course descriptions and prerequisites, http://www.asu.edu/catalog/]

AREA	COURSE
Communications & Signal Processing	EEE 407 (F,S), 455 (F,S), 459 (S)
Computer Engineering	CSE 330 (F,S), 420 (N), 421 (F,S), 422 (F,S)
Controls	EEE 480 (F,S), 482 (F)
Electromagnetics	EEE 440 (S), 443 (S), 445 (F), 448 (F)
Electronic Circuits	EEE 405 (F), 425 (F,S), 433 (S)
Power Systems	EEE 460 (N), 463 (F), 470 (F), 471 (S), 473 (F)
Solid-State Electronics	EEE 434 (F), 435 (S), 436 (F,S), 437 (N), 439 (F)

( ) indicates typical semester offering: F=fall, S=spring, N=not regularly offered, or offered once each year.

Of the remaining technical electives, a maximum of two courses may be taken outside Electrical Engineering. Approved courses in engineering, mathematics and sciences: BME 413, 419, 435; CHE 458; IEE 300, 374, 431; MAE 447, 462; MSE 353, 354, 472; MAT 423, 442, 461, 475; STP 425. Approved business courses: ECN 436; IBS 300; LES 305; MGT 301, 423, 459. All other topics require Electrical Engineering department approval.

[2/01/02]